# Laucks
## Testing Laboratories, Inc.

940 South Harney St., Seattle, Washington 98108  (206)767-5060

# Certificate

Chemistry, Microbiology, and Technical Services

CLIENT **Alaskan Copper Works**
**P.O. Box 3546**
**Seattle, WA 98124**
**ATTN: Jim Brown**

LABORATORY NO. **89215**

DATE **April 23, 1985**

P.O. # **A5385**

REPORT ON  **WASTE WATER**

SAMPLE
IDENTIFICATION  Submitted 4-3-85 and identified as shown below:

1) ID # 5600-A5385

TESTS PERFORMED
AND RESULTS:

RECEIVED

APR 29 REC'D

MAINTENANCE

|  | parts per million (mg/L) |
|---|---|
| Zinc | 0.54 |
| Chromium | 0.028 |
| Copper | 0.068 |
| Nickel | 0.27 |

Respectfully submitted,

Laucks Testing Laboratories, Inc.

J.M. Owens

JMO:rw

# Laucks
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940 South Harney Street, Seattle, Washington 98108  (206) 767-5060

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## APPENDIX

## Matrix Spike/Matrix Spike Duplicate Report

| Sample | Analyte | Spike Added | Sample Result | MS Result | % Rec | MSD Result | % Rec | RPD |
|--------|---------|-------------|---------------|-----------|-------|------------|-------|-----|
| 1 | Chromium | 0.10 | .028 | .122 | 94. | .126 | 98. | 4. |
| 1 | Zinc | 0.10 | 0.54 | 0.62 | 80. | 0.69 | 150. | 61. |
| 1 | Copper | 0.10 | 0.068 | 0.186 | 118. | 0.170 | 102. | 14. |
| 1 | Nickel | 0.20 | 0.27 | 0.44 | 85. | 0.45 | 90. | 6. |

AKC-0015824